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March 19, 1992

TO: Minerals File

FROM: Holland Shepherd, Senior Reclamation Specialist *HWS*

RE: Site Inspection, Reclamation Work, Radium King Mine, B & W Construction, M/037/007, San Juan County, Utah

Date of Inspection: March 18, 1992

Time of Inspection: 11:00 a.m. - 1:30 p.m.

Conditions: Sunny, cool

Participants: Joe D. Bierschied, Bill Wilson, B & W Construction; Holland Shepherd, DOGM

The purpose of this site inspection was to evaluate ongoing reclamation work at the Radium King. Mr. Bierschied has decided to go ahead with complete reclamation of the Radium King in an effort to reduce the surety requirement. Reclamation of the site was initiated earlier this week, Monday, March 16, 1992.

When I reached the site, reclamation had been ongoing and was 3/4 complete. The large main portal and trench has been backfilled and graded over. The large waste dumps to the northwest of the main area have been graded over.

The cat operator, Mr. Bill Wilson, was working on the eastern portals, closing them up at the time that I reached the site to do my inspection. The portals on the east side have been backfilled and graded over to blend in with the existing hillside. The shacks or mine sheds that were on the eastern part of the site have been demolished by the dozer and have been buried. Trenches have been used to help in backfilling the portals. The small waste dump just east of the county road that goes through the mine site has yet to be flattened out and feathered. Also, the drainage that comes down the small canyon on the east side of the site, where the operator is now working, will have to be reworked to knock down all the rough edges.

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Site Visit
Radium King
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Mr. Bierschied said that he would have an old pre-law portal, located at the northwestern extent of the site, reclaimed. The portal was part of the Radium King but was never worked post-law. Since this portal also poses a public hazard, Mr. Bierschied committed to voluntarily seal it up.

Also remaining to be reclaimed is the operations sewage lagoon dike. The cat operator will go over to the dike area and feather out, flatten out the dike, so it no longer acts as an impounding structure. Also, I asked that the berm that covers up the old sewer pipeline be flattened out and feathered into the existing terrain. Reclamation of this site should be complete by the end of this week, March 21st.

Mr. Bierschied indicated that he would like to have the bonding approval accomplished by the Board meeting on April 22, 1992. The new bond amount that I have calculated will be \$3,500. This will cover any revegetation work that might have to be redone after Mr. Bierschied has completed all the work this spring. The Division currently holds a \$13,000 Certificate of Deposit (CD) on the Radium King. The CD and Reclamation Contract have not yet been approved by the Board because of continuing negotiations concerning the reclamation of the site and the surety amount with Atlas Minerals, Mr. Bierschied and the BLM.

Upon approval of this surety, the site will be officially transferred from the responsibility of Atlas Minerals to B & W Construction, which is Mr. Bierschied's company. In order to accomplish the approval and transfer of this site by the April Board meeting, I indicated to Mr. Bierschied that the Division will have to fill out a new Reclamation Contract. A letter from the Division addressing surety as a CD will have to be sent to the bank in Moab and signed and agreed to the new specifications that the Division has for the posting of CD's.

From what I observed at the Radium King, it is obvious that the reclamation work is adequate and meets our standards for contouring and regrading. Because of the age of the site, the material that is being used for plant growth medium will probably be inadequate for good plant growth. I don't anticipate that seeding of the site will be a very successful seeding; however, because of the pre-law conditions of this site, this will not pose a problem for ultimate bond release to the operator.

jb

cc: Joe D. Bierschied, B & W Construction
Bob Turri, BLM, San Juan RA
Wayne Hedberg, DOGM

RECLAMATION ESTIMATE FOR THE RADIUM KING MINE

M/037/007

Prepared by
Utah State Division fo Oil, Gas and Mining
February 26, 1992

Total Acreage Disturbed = 20 (b)

Description	Qty	Unit	\$/Unit	Cost(\$)
=====	==	=====	=====	=====
Facilities Reclamation				
Revegetate	20	Acre	150	3,000

SUBTOTAL				3,000
+ 10% CONTINGENCY				300
SUBTOTAL				3,300
ESCALATION (1.27% FOR 5 YRS)				215

TOTAL (199 ⁷ ^{thw} Dollars)				3,511
Rounded Total				\$3,500
=====				=====

Note: (b) This reclamation estimate is based on the proposal to complete all reclamation work by mid-March of 1992, except for seeding and scarification.







